

Session A (Tuesday - 10:30AM-12:00PM) June 9

Session A (Tuesday - 10:30AM-12:00PM) June 9					
A1: State Mapping Initiatives					Mapping
Moderator: Whit Montague, CFM, Arkansas Department of Agriculture					
Jacquelyn	Hayes	CFM	Texas Water Development Board	Flood Outreach Specialist	Developing Base Level Engineering for Texas Watersheds-a Cooperating Technical Partners Initiative
Thuy	Patton	CFM	Colorado Water Conservation Board	Flood Mapping Program Manager	Paper to the Future: Colorado from Paper Maps to Risk MAP and Beyond
Tara	Lanzrath	CFM	Kansas Department of Agriculture	Floodplain Mapping Coordinator	The Kansas 2D BLE Statewide Initiative
A2: Modeling for Design					Modeling
Moderator:					
Stephen	Morgan	PE	NC Dept of Transportation	State Hydraulics Engineer	SRH-2D vs. HEC-RAS: A Case Study on Bridge Modeling Hydraulics
Rachel	Pichelmann	PE, CFM	SEH	Senior Professional Engineer	2-D in the Water Resources Mainstream: Eye Opening Case Studies of Simplicity & Value
Kyle	Miller	PE, CFM	Meshek & Associates, LLC	Project Engineer	An Inundated Highway Parallel to the Floodplain: Modeling to Protect Bridge Infrastructure
A3: Resilience: Definition, Policy, and Practice					Mitigation
Moderator:					
Rob	Flaner	CFM	Tetra Tech, Inc.	Hazard Mitigation Program Manager	What is Resilience and why is it important that we define it?
Matthew	Fuchs	JD	The Pew Charitable Trusts	Officer	How Cities and States are Using Policy to Prepare for the Next Flood
Caroline	Cunningham	CFM, AICP, ABCP	Stantec	Principal	Plans, Projects, Partnerships and Funding – A Compilation of Innovative Global Resilience Activities
A4: Floodplain Management Policy					NFIP
Moderator:					
Erin	Cooper	CFM	FEMA	Floodplain Management Specialist	ESA and the NFIP: Protecting Endangered Species in Pacific Northwest Floodplains

Luloff	Alan	PE, CFM	ASFPM		Floodways - Original Intent
Phetmano	Phannavong	PE, CFM	Atkins	Senior Project Manager	Shifting from Binary to Graduated View of Flood Risks: 100-Year Standard Past and Future
A5: Risk Communication Tools that Work (and some that don't)					Risk Communication
Moderator:					
Wes	Shaw		Blue Urchin LLC	CEO	If you build it, they (probably) won't come.
Kristin	Murphy	ICAgile Certified Professional, Level 4 Social Marketer (CIM)	Booz Allen Hamilton	Senior Strategy Consultant	Piloting Resilience Innovation: How to build the plane while flying
Brian	Edmondson	PE, CFM	Harris County Flood Control District	Project Manager	Billboards vs. Facebook – Keys to a Flood Education Program's Success
A6: The Hidden Realities of Floods					Post-Disaster
Moderator:					
Jeff	Swan		Dry Fab Customs LLC	CEO	The Mental Cost of Flood Events
Charla	Marchuk	CFM	FEMA HQ	National Floodplain Management Training Coordinator	Partnerships in Response and Resiliency
Steve	Samuelson	CFM	Kansas Dept. Agriculture	NFIP Coordinator	Let's Talk Common Sense About Mold After a Flood
A7: Trends in Stormwater Management					Stormwater
Moderator: Terry Medley, PE, Kansas Department of Agriculture					
David	Howard		GHD	Environmental Engineer	Fishermans Bend Water Sensitive Drainage and Flood Study
Tamara	Cook	AICP	North Central Texas Council of Governments	Senior Program Manager of Environment and Development	Planning of Transportation and Stormwater Infrastructure Together Before the Growth: An Opportunity for Flood Prevention in North Texas
Josh	Logan	PE, CFM	Halff Associates, Inc.	Senior Project Manager	Modifying Traditional Detention Design to manage High-Frequency and Short-Duration Storm Events

A8: SHOWCASE SESSION A					Showcase
Moderator:					
Session B (Tuesday - 1:45PM-3:15PM) June 9					
B1: Prioritizing & Ranking Mapping Needs					Mapping
Moderator:					
David	Knipe	PE, CFM	Indiana Dept. Natural Resources	Engineering Section Manager	The Indiana DNR Floodway Reaches / CNMS Cost Estimating Tool
Stephen	Noe		Wood	Program Manger	Every State and Territory Needs a Flood Risk Data Business Plan
Emily	Whitehead	CFM, GISP	STARR II - Stantec	Project Manager	Leveraging Local Mapping Needs into FEMA's Discovery Process: A Discovery Needs Ranking System Overview
B2: Beyond the 100-Year: Probabilistic and Frequency Analysis					Modeling
Moderator:					
Jeffrey	Albee		Stantec	Principal of Client Technology Services	Using Cloud Computing Infrastructure for Intensive Flood Risk Modeling
Jeff	Gangai	CFM	Dewberry	Associate Vice President	Probabilistic Flood Risk Analysis Using 1-D Coastal Models: The Future is Now
Ana	Simões	PhD, PH, CFM	STARR II - Atkins	Sr. Hydrologist	Listening to Community Feedback When Performing Hydrologic Analysis: the Nisqually River Case
B3: Mitigating Risk for Community Lifelines					Mitigation
Moderator:					
Roger	Lindsey	PE, CFM	Metro Nashville Water Services	Practice Leader - Floodplain Management	Hardening Your Water Utilities – Protective Measures to Reduce Future Damage
Joseph	Albani	PE	Tetra Tech	Project Engineer	Port Authority of NY & NJ JFK International Airport Stormwater Outfalls and Port Newark Building 111
Kiran	Konduru	PE, CFM	City of Fort Worth	Senior Professional Engineer	Addressing High Risks With Limited Funding: Fort Worth's Hazardous Roadway Overtopping Program

B4: Local Floodplain Manager Processes and Duties					NFIP
Moderator: Alex VanPelt, Kentucky Division of Water					
Lisa	Biggs	PE, CFM	City of Fort Worth	Assistant Floodplain Administrator	Working Together to Simplify Permitting in the Trinity River Corridor
Lori	Laster	PE, CFM	Papio Missouri River Natural Resources District	Stormwater Management Engineer	The Big One Hit! Now What?
Angela	Michaels	PE, CFM	Engineering with a Mission, LLC	Principal	Risk Rating 2.0 and What it Might Mean to the Local Floodplain Administrator
B5: Risk-Informed Decision Making					Risk Communication
Moderator:					
Tracy	Friend	PMP	AECOM	Emergency Manager	Exploring factors that influence home buyers' flood risk perception
Rachel	Hogan Carr	CFM	Nurture Nature Center	Executive Director	Communicating uncertainty and risk in flood forecasts: how does probabilistic information affect decision-making?
Seth	Lawler		Dewberry	Computational Scientist	Probabilistic Flood Risk Analysis to Support Risk Informed Decision-Making
B6: Dam and Levee Breach Modeling and Risk Assessments					Dams and Levees
Moderator:					
Geoffrey	Uhlemann	PE, CFM	AECOM	Project Manager	Estimating Residual Risk Behind Levees with Breach Modeling
Chris	Ferrari	PE, CFM	GEI Consultants	Senior Consultant	Sacramento County OES Flood Decision Support System (FODSS) Tool
Mark	Bartlett Jr.	PhD, PE	Stantec	Senior Engineer	Extreme Flood Mitigation by Dams under Present and Future Climate
B7: Benefits of Stream Restoration					Natural and Beneficial Functions
Moderator:					
Brandon	Parsons	PLA	American Rivers	Conservation Associate, Pacific Northwest Floodplain Restoration Lead	Economic Impact of Floodplain Restoration on Property Values and Revenue
Jonathon	Kusa	PE	Inter-Fluve, Inc.	CEO and Senior Engineer	Returning Ecology to Cities - Renaturalization of Concrete Lined Urban River Systems

William	Dooley		Association of State Wetland Managers		Urban Wetlands Protection and Restoration for Hazard Management
B8: SHOWCASE SESSION B					Showcase
Moderator:					
Session C (Tuesday 3:45PM-5:15PM) June 9					
C1: Transforming the Floodplain Mapping Program					Mapping
Moderator: Jeanne Ruefer, CFM, PMP, HWC, Inc.					
Paul	Rooney		FEMA	Mapping Technology Specialist	Clouds Ahead: A Data Platform and Web Services for NFIP Mapping
Cheryl	Johnson	PE, CFM, PMP	AECOM	Program Manager	It is Time to Change how FEMA Maps Coastal Flooding – A Proposal
Joshua	Crowley	PE, PMP, CFM, D.WRE	STARR II - Atkins	RSC Lead	In Pursuit of Accuracy
C2: Modeling Complex and Unique Systems					Modeling
Moderator:					
Dragoslav	Stefanovic	PhD, PE, D.WRE	HDR	Sr. Technical Program Manager	Evaluating Downstream Impacts of Flood Control Projects by Streambed Mobilization Energy
Rebecca	Starosta	PE, CFM	AECOM	Water Resources Engineer	Lacustrine Hydrologic Modeling of Lake Champlain
Johnny	Martin	PE	Moffatt & Nichol	Coastal/Hydraulic Engineer	Innovative Combined Coastal/Inland Flooding Models and Solutions for Use in Coastal/Estuarine Areas to Enhance Resilience
C3: Building Science and Floodproofing					Mitigation
Moderator:					
Manuel	Perotin	PE, PMP, CFM	CDM Smith	Senior Project Manager	Giving multi-family buildings a new lease on life from Flooding
Jonathan	Westcott	PE	FEMA Building Science Branch	Civil Engineer	Building Codes Save: FEMA's Nationwide Building Code Losses Avoided Study

Jennifer	Wellock		National Park Service	Technical Reviewer	New Guidelines on Flood Adaptation for Historic Buildings from the National Park Service
C4: Local Floodplain Regulations and Higher Standards					NFIP
Moderator: Bill Bradfield, CFM, Pennsylvania Emergency Management Agency					
Karl	McArthur	PE, CFM	City of Austin Watershed Protection Dept.	Supervising Engineer, Watershed Engineering Division	Adapting to Atlas 14: Austin's Proactive Approach to a Higher Flood Risk
Virginia	Batts	CFM	Boulder County	Floodplain Program Coordinator	Code Overhaul: A Comprehensive Look at How Disasters Can Give Rise to Changes in Land Use, Building, and Other Code Documents, and How to Get Out in Front of It
Alan	Johnson	PE	FEMA	Civil Engineer	Achieving Flood Resiliency Through Higher Standards Saves Communities' Resources
C5: Unique Approaches to Risk Communication					Risk Communication
Moderator:					
Cindy	Wirz		Federal Emergency Management Agency, Region 6	Community Education and Outreach Specialist	The Mitigation Message Calendar: A Tool for Social Media
Peter	Herrick, Jr.		FEMA	Communications Lead	Experiential Learning and Pop-Ups for Resilience
Jack	Heide	AICP, CFM	FEMA Region II	Community Planner	Engaging the Arts to Promote Disaster Risk Reduction
C6: Learning from Recent Major Flood Events					Post-Disaster
Moderator: Katie Ringland, PE, CFM, Nebraska Department of Natural Resources					
John	Brubaker	PE, CFM	NC Emergency Management	NC NFIP Coordinator	Ocracoke After Dorian: Substantial Damage Assessments on a Remote Barrier Island
Jamie	Reinke	PE, CFM	Nebraska Department of Natural Resources	Engineer	2019 Nebraska Flood Overview & the Importance of Post-Event Data Collection
Brandon	Claborn	PE, CFM	Meshek & Associates, LLC	CEO	May 2019 Arkansas River Flood: An Emergency Operations Center Perspective
C7: Stormwater Permitting					Stormwater

Moderator:					
Howard	Redfearn	CFM, QEP	City of Mansfield	Environmental Manager	Post Construction Water Quality for MS4 Permit Compliance
Stefano	Rignanese		Maccaferri Inc	Technical Marketing Manager	Erosion Control Applications across the United States - Case Studies
Elise	Ibendahl	PE, CFM, ENV SP	Jacobs	North Region Water Resources Solutions Leader	Mitigating Urban Flooding in a Combined Sewer Area: A Philadelphia Case Study
C8: SHOWCASE SESSION C					Showcase
Moderator:					
Session D (Wednesday 10:30AM-12:00PM) June 10					
D1: Equity Considerations in Floodplain Management					Equity
Moderator: Katie Sommers, CFM, Wisconsin Emergency Management					
Miriam	Belblidia	CFM, MPA	Arcadis	Floodplain Manager & Resilience Planner	Equitable Engagement for Flood Risk and Resilience Work
Ana	Zimmerman	PhD	College of Charleston	Immunologist	Flood History Disclosure: A Case Study from Charleston, SC
Marcus	Coleman		HWC	Senior Associate	Participatory Design for Greater Stakeholder Inclusion & Better Outcomes
D2: Future of Flood Modeling					Modeling
Moderator:					
Scott	Blossom	PE, CFM, LEED AP	Blossom Consulting and Engineering Inc.	President	Hydrologic and Hydraulic Modelling: Today's (and Tomorrow's) Design Scenarios
Andrew	Park-Friend	PE	Michael Baker International	Water Resource Engineer	Climate Change in Your Home Town: An overview of how what we see in the media can be distilled into a practical application of future flood risk for your community
Swamy	Pati	PhD, PE, CFM	Jacobs	Senior Water Resources Engineer	System Wide Flood Risk Analysis using Integrated Coastal and Inland Modeling and Tools Development to Analyze Large Asset Database: JEA System Wide Resiliency Program

D3: FEMA Mitigation Programs and Grant Applications					Mitigation
Moderator:					
Camille	Crain		FEMA	BRIC Section Chief	The New Building Resilient Infrastructure and Communities (BRIC) Program: What Stakeholders Should Know
Eric	Kenney	PE, PMP, CFM	CDM Smith	Senior Project Manager	Best Practices for Large Infrastructure Projects in the PDM and FMA Programs
Mike	Robinson	CFM	Moffatt & Nichol	Technical Director, Hazard Mitigation and Resiliency Planning	A History of Hazard Mitigation and Historic Preservation in North Carolina
D4: Flood Insurance and Risk Rating 2.0					NFIP
Moderator: Bruce Bender, CFM, Bender Consulting Services, Inc.					
Tony	Hake		FEMA	Product Delivery Division Director	Risk Rating 2.0 Overview
Shawn	Tinsley	ANFI	H2O Partners, Inc.	Risk Rating & Product Redesign Specialist	Risk Rating 2.0 and Floodplain Management
David	Stearrett	CFM	FEMA	FEMA Flood Insurance Advocate	FEMA Panel Discussion: Flood Insurance... What Every Floodplain Manager Should Know
D5: Watershed-Scale Flood Management Initiatives					Watershed
Moderator: Joe Fernandez, CFM, San Antonio River Authority					
Mia	Brown	CFM	NCTCOG		Trinity River Common Vision: 30 Years Strong and Growing
Alexandra	Carter	AICP	OCD-DRU		Snapshot of the Louisiana Watershed Initiative
Larry	Weber	PhD	Iowa Flood Center-University of Iowa		The Iowa Watershed Approach: A Scalable and Replicable Model for Managing Water Resources
D6: Sea Level Rise Tools and Planning					Coastal
Moderator: Lori Cary-Kothera, NOAA Office for Coastal Management					
Jamelyn Austin	Trucks	CGM, CFM, PMP	Atkins	Project Manager	NOAA's Adapting Stormwater Management for Coastal Floods – a decision support tool for Coastal Communities facing Sea Level Rise
Ashby	Worley	CFM	The Nature Conservancy	Coastal Resilience Manager	Using Decision Support Tools to Build a More Resilient Georgia Coast

Muthu	Narayanaswamy	PhD, PE	Michael Baker International	Senior Coastal Engineer	Probabilistic Approach to Incorporate Sea Level Rise into Assessments of Coastal Flood Risk
Session E (Wednesday 1:30PM-3:00PM) June 10					
E1: To BLE or Not to BLE					Mapping
Moderator:					
Jack	Young	PE, CFM, PMP	Half Associates, Inc.	Project Manager	Base Level Engineering to Detailed Studies
Emma	Brown	M.Eng., C.Eng	HR Wallingford	Mrs	Efficient Regional Scale Flood Mapping - Indicative Fluvial Flood Map for Ireland
Elizabeth	Savage	PE	HWC, Inc	Regional Program Management Lead assisting FEMA R6	Building Community Capability with the Base Level Engineering Desk Reference
E2: Modeling Texas Style					Modeling
Moderator:					
Kim	Dewailly	PE, CFM	Dallas Water Utilities	Senior Engineer	Regulating Behind the Levee – Expectation Versus Reality
Russell	Jones	PE	HDR	Mr	1D Models Cannot Handle Texas Sized Floodplains
Craig	Ottman	PE, CFM	Tarrant Regional Water District	Water Resources Engineer	Real World Application of HEC-RAS 2D Modeling: Rehabilitation of the Richland-Chambers Wetlands
E3: Coastal Resilience: Policy and Projects					Mitigation
Moderator:					
Sarah	Murdock		The Nature Conservancy	Director, US Climate Resilience and Water Policy	U.S. Federal Climate Resiliency Policy: Is the Political Divide being Bridged?
Jerry	Murphy	JD, AICP, CFM	University of Florida Program for Resource Efficient Communities	Research Scientist	The Future of Waterfront Property: Policy Considerations for States and State Floodplain Managers
Brian	Batten	PhD, CFM	Dewberry	Senior Associate	Integrated Strategies for Resilience to Future Flooding in Virginia Beach, VA
E4: CRS - National Perspective					NFIP
Moderator: Michelle Gonzales, CFM, Rostan Solutions, LLC					
Josh	Overmyer	CFM	Charlotte County	Floodplain Coordinator	CRS Retrograde, Now What?

French	Wetmore	CFM	French & Associates, Ltd.	President	FEMA-USFWS-NMFS Partner to Incorporate Credit for Protecting Threatened and Endangered Species into the Community Rating System
Maggie	Talley	CFM	Jefferson Parish	Director of Floodplain Management and Hazard Mitigation	Maximizing CRS points for your Hazard Mitigation Plan
E5: Unique Approaches to Risk Communication 2					Risk Communication
Moderator:					
Justin	Kozak	CFM	Center for Planning Excellence	Researcher and Policy Analyst	Water You Gonna Do? An Educational Game about Watershed Management
Dan	Henderson	GISP, PMP	Esri	Regional Sales Manager	Utilizing location technology for flood preparedness, management, mitigation, recovery and resilience
John	Covey	PE, CFM	Wood	Associate - Project Manager	Using Augmented Reality to Communicate Flood Risk & Risk Management Solutions
E6: Dam and Levee Planning and Risk Communication					Dams and Levees
Moderator:					
Jared	Schneider	CFM	King County Emergency Management	Dam Safety Program Coordinator	Dam Failure: How to Prepare Your Community
Diana	Castro	PE, CFM	Atkins	Senior Engineer	Managing Dam Flood Risk with Effective Floodplain Management and Emergency Planning
Suzanne	Vermeer	PE, CFM	DHS/FEMA HQ	Federal Insurance and Mitigation Administration Risk Management Directorate Engineering & Modeling Division Engineering Resources Branch	Community Education, Outreach, and Success Stories for Levees
E7: Local Stormwater Management Initiatives					Stormwater
Moderator:					

Matt	Stahl	PE, AWAM, CFM	Halff Associates, Inc.	Project Manager	Fort Worth's Storm Drain Rehabilitation Program: Cowtown's Approach To Wrangling Storm Drains
Byron	Hinchey	PE, CFM	S&ME, Inc.	Senior Project Manager	Risk Management in Site Design: Don't Forget to Look Offsite
Tak	Makino	CFM	Lockwood, Andrews & Newnam	CRS/Flood Mitigation Manager	Asset Management: A Tool for Floodplain Managers that Ties into CRS, HMAP and Grants
E8: The Silver Lining of Flood Disasters: International Experiences					International
Moderator: David Powers, PE, PH, D.WRE, CFM, CDM Smith					
Anna	Serra-Llobet	PhD	University of California, Berkeley	Dr.	The Tous Dam Disaster in 1982: Changing the Paradigm to Manage Floods
Jessica	Ludy	CFM	US Army Corps of Engineers	Senior Project Planner	Never Again! Disaster, Dry Feet, and the Dutch
Alejandro	Riano	PE, CFM	AECOM	Sr. Water Resources Engineer	An Unfortunate Series of Events Tests the Resiliency of the Hidroituango Dam on May 2018
E9: State Day - NFIP (4 speakers)					State Day 1
Moderator:					
Celinda	Adair	CFM	State of OR DLCD	State NFIP Coordinator	Best Practices for Collaboration Between State and FEMA Regional Floodplain Management Programs
Traci	Sears	CFM	MT DNRC	Montana NFIP Coordinator	Floodplain Platform for Community Information
Jack	Krolikowski	EIT, CFM	Georgia Department of Natural Resources	Environmental Engineer	Data-driven Decisions: Connecting Risk Analysis to Floodplain Management
Corey	Garyotis	PE, CFM	ADECA OWR	State NFIP Coordinator	Guidance for Flood Damage Prevention & Resilience in Rural Alabama
Session F (Wednesday 3:30PM-5:00PM) June 10					
F1: Risk Products Tailored to Community Needs					Mapping
Moderator:					
Isaac	Allen	PE, CFM	AECOM	Water Resources Engineer	Hot 'n Cold Flooding – Post-Fire, Ice Jamming, and Snowmelt in the Animas River Watershed
Brian	Caufield	PE, CFM, D.CE	CDM Smith	Senior Coastal Engineer	Beyond a Line on a Map: How to Enhance Coastal Resiliency Along Eroding Shorelines in New England
Soumya	Sagarika	PE, CFM	Atkins	Sr Engineer	Technical Collaboration, Federal and Local – Success stories in Region 10

F2: Regulatory Implications on Modeling					Modeling
Moderator:					
Ferrin	Affleck	PE, PMP, CFM	Atkins	Project Manager	FEMA 2D modeling with Floodways: Case studies
Rick	Sacbibit	PE	FEMA	Branch Chief	FEMA Approach on 2D Floodways; Improving Tools and Updating Guidance
Sunit	Deo	PE, CFM	HDR	Senior Water Resources Engineer	Carson Creek Flood Risk Reduction Project: Consequences of "Redirecting" a Creek
F3: Vulnerability and Risk Assessments					Mitigation
Moderator:					
Casey	Zuzak	GISP	FEMA	Senior Risk Analyst, Natural Hazards Risk Assessment Program	Introduction to the National Risk Index
Randall	Behm	PE, CFM	Behm Hazard Mitigation, LLC.	Nonstructural Mitigation specialist	Saving Our Historic Building Stock through the Application of Nonstructural Mitigation
Mike	Onufrychuk	PMP, CFM	AECOM	Project Manager	A Pilot Study to Calculate Coastal Average Annualized Losses
F4: Local Floodplain Management Initiatives					NFIP
Moderator:					
Cindy	Engelhardt	PE, CFM	Halff Associates, Inc.	Project Manager	Hays County's Progressive Approach to Resilience
Mitch	Paine	CFM	King County	Program Manager	Endangered Species, Agriculture, and Flooding: Lessons from Managing Multiple Uses in Floodplains
Del	Schwalls	PE, CFM	Schwalls Consulting LLC	President	A Little Here and a Little There: The Hazards of Piecemeal Floodplain Management
F5: Language Matters in Risk Communication					Risk Communication
Moderator:					
Bradley	Dean	CFM, CE	FEMA, Federal Insurance & Mitigation Administration, Risk Management Directorate	Communications and Partnerships Specialist	What is a Common Language of Mitigation, How do we Establish that Shared Language, and Who is "We?"

Jim	Keith	PE, CFM	Freese and Nichols, Inc.	Associate	The Problem With 'Unprecedented': Mitigating Misinformation & Improving Risk Communication
Kate	Skaggs	CFM	Resilience Action Partners	Resilience Planner	Leveraging the Power of Story for Policy Change, Local Mitigation Action
F6: Damage Assessment Tools and Resources					Post-Disaster
Moderator:					
Jessica	Artz	CFM	SCDNR	Flood Mitigation Specialist	Developing Tools and Workflows for Collecting and Computing Substantial Damage Estimates in SC
Molly	Kaput		FEMA Region I	Senior Emergency Management Specialist	FEMA's Substantial Damage Playbook: New Ways of Supporting Communities Post-Disaster
Mark	James	CFM	Michael Baker International	Project Manager - Resiliency/Hazard Mitigation	Benefits of having a UAS contract in place pre and post disaster
F7: Local Flood Warning Systems					Warning Systems
Moderator:					
Allan	Herring	CPEng, RPEQ, GradDip(LocGovtEng), BE(Civil Hon1)	Brisbane City Council	Mr.	Development of a best practice flood warning system
Ranjan	Muttiah	PhD, PE, CFM	City of Fort Worth, Stormwater Management, TPW	Senior Professional Engineer	Building Real-Time Resiliency from the City of Fort Worth's Flood Warning System
Ataul	Hannan	PE, CFM	Harris County Flood Control District	Director, Planning Division	Near Real Time Mapping Possible in 30 Minutes for 1,200 Miles in Harris County Because of Model and Map Management(M3) System
F8: Big Data and Decision Support Tools					Data
Moderator:					
Mathew	Mampara	PE	Dewberry	Director of Innovation	The Living Flood Study: Multi-Application Flood Risk Analyses
Susanna	Pho	CFM	Forerunner	Co-Founder, COO	Leveraging Data Analytics and Digital Tools For Better Planning
Bradford	Hartley	CFM, GISP	ABS Group	Senior Project Manager	The Biz with Data Viz, Using Decision Support Tools

F9: State Day - Mitigation					State Day 2
Moderator:					
Mindy	Conyers	PhD	Texas Water Development Board	Natural Resources Specialist	Informed Flood Planning for Texas: An Update on Implementation of Recent Legislation
Samara	Ebinger	CFM	New Hampshire Office of Strategic Initiatives	Principal Planner	The Flood Hazards Handbook: Supporting Community Flood Resilience in New Hampshire
Paul	Flondarina		South Carolina Disaster Recovery Office (SCDRO)	Director, Mitigation Programs	CDBG-DR Comprehensive Watershed Study in South Carolina: Determining Flood Mitigation Infrastructure Ideas
Session G (Thursday 10:30AM-12:00PM) June 11					
G1: CTP Showcase					Mapping
Moderator:					
Robert	Nolen	PE, CFM, DTM	San Antonio River Authority	Engineer	San Antonio River Authority Risk MAP Updates
Laura	Algeo	PE	FEMA HQ	CTP Program Coordinator	Incorporating the 2020 Survey & RMD Priorities to Inform the CTP Program
Vikram	Shrivastava	PE, PMP, D.WRE, CFM	Atkins	Project Director	Quadrafecta of Floodplain Management – the community, the CTP, FEMA, and CTP contractors
G2: 2D Modeling Parameters					Modeling
Moderator:					
Sue	Hoegberg	CFM, GISP	Dewberry	Senior GIS Project Manager	The 3D Nation Elevation Requirements and Benefits Study - Preliminary Results
Brandon	Hilbrich	PE, CFM	HDR	Water Resources Project Manager	Impacts of 2D Parameters – An XPSWMM Case Study
Matt	Chaney	PE	AECOM	Project Engineer	Sensitivity Testing of RAS2D Cell Sizes
G3: Resiliency and Mitigation Planning					Mitigation
Moderator: Jen Nelson, Minnesota Homeland Security and Emergency Management					
Carey	Johnson		Kentucky Division of Water	Assistant Director	Infusing nature-based solutions into Hazard Mitigation Plans: Creating Resilient and Sustainable Communities for the 21st Century
Amanda	Sharma	MRLS, CFM	FEMA HQ	Emergency Management Specialist	Mitigation Plan/ning Effectiveness: How engagement in the mitigation planning process results in risk reduction measures

Ryan	Carroll	CFM	Michael Baker International	Project Manager	Planning for Hazards: Implementing flooding-specific tools and strategies to reduce risk and build resilience
G4: NFIP Violations and Compliance					NFIP
Moderator:					
Becca	Fricke-Croft	CFM	Atkins	Senior Planner	Turning the Ship: How Shady Cove survived probation, and how you can avoid it
Drew	Reicks	GISP, CFM	CDM Smith	GIS Specialist/Developer	Violations: Lassoing a Positive Outcome
Adrienne	Sheldon	PE, CFM	FEMA HQ	Branch Chief, FPM Regional & Field Support	DRRA 1206 and Floodplain Management - Where do we go from here?
G5: Strategic Risk Communication: Understanding Behavior					Risk Communication
Moderator:					
Jeremias	Alvarez	PMP, CSM	Guidehouse	Managing Director	Guidehouse Research and Approach to Driving Disaster Preparedness Through Behavioral Science
Alicia	Williams	GISP	Wood Environment and Infrastructure, Inc.	"Bam What"? Statewide Risk Communications in Missouri	"Bam What"? Statewide Risk Communications in Missouri
Sumiko	Mekaru	DVM, PhD	Booz Allen Hamilton	Epidemiologist	Don't Miss Your Mark! Open Source Profiling Equals Smart Risk Communication Investments
G6: Building Resiliency into Disaster Recovery					Post-Disaster
Moderator:					
Lauren	Dozier	CFM	Tetra Tech, Inc.	Project Manager, Post Disaster Programs	Beyond Recovery: Hurricane Harvey's Lessons Learned for Developing Best Practices in Mitigation
Juan	Gonzalez-Moscoso	PE CFM	ReImagina Puerto Rico	MR	Puerto Rico's Recovery Process Through an Integrated Flood Risk Management Lens
Mary	Baker		JEO Consulting Group	Resiliency Strategist	Rebuilding with Resiliency in Mind: A Midwest Mitigation Mandate

G7: Stormwater Management Modeling					Stormwater
Moderator:					
Geoff	Brownell	PE, CFM	Kimley-Horn	Senior Project Manager	Don't Gentrify My Floodplains: Challenges of Defining Flood Hazards in Urban Environments
Daniel	Baldwin	CFM, EIT	Jacobs Engineering	Water Engineer	Using GIS and H/H Model-Based Tools to Support an Asset Management Approach to Stormwater Master Planning
Michael D	Thatcher	PE	Tetra Tech	Civil Engineering Technical Group Leader	Flood Mitigation in an Urban Environment: Cypress Street Outfall Regional Stormwater Improvements, City of Tampa, FL
G8: Design Considerations for Coastal Projects					Coastal
Moderator:					
Emily	Dhingra	CFM, PE, PMP	AECOM	Coastal Engineer	Living Shorelines: Where they Make Sense in a Floodplain Management Context
Julie	Eaton	PE	Weston & Sampson	Lead Resiliency Engineer	Incorporating Climate Projections Into Design Standards and Practices
Brian	Joyner	PE	Moffatt & Nichol	Senior Coastal Engineer	Creating Urban Flood Resilience in Norfolk, Virginia: Illustrations from the Ohio Creek Watershed and St. Paul's District
Session H (Thursday 2:00PM-3:30PM) June 11					
H1: Predictive & Real-time Inundation Mapping					Mapping
Moderator:					
Neal	Banerjee	PE, CFM	ESP Associates, Inc.	Water Resources Department Manager	Coastal Inundation Mapping and Impact Assessments for Hurricane Response in the Carolinas
Ibrahim	Demir		University of Iowa	Assistant Professor	Interactive and Real-time Flood Inundation Mapping on Client-Side Web Systems
Maria	Cox	CFM	South Carolina Department of Natural Resources	Flood Mitigation Program Manager	Hurricane Dorian Flood Inundation Forecast Mapping: Predicting Flooding to Save Lives
H2: Hydrologic Modeling Input					Modeling
Moderator:					
Jennifer	McGee	PE, CFM	Wood PLC	Water Resources Engineer	Mapping National Water Model (NWM) Forecasts with FEMA HEC-RAS Models – a Pilot Application in the Whitemarsh Run Watershed, Maryland
Helena	Mosser	PE	US Army Corps of Engineers	Hydraulic Engineer	Interagency Watershed Hydrology Assessments: Collaborating with Federal Partners to Address Hydrologic Challenges

Peter	McCarthy		U.S. Geological Survey	StreamStats Coordinator	StreamStats: A web-based application for retrieving basin characteristics and streamflow statistics (such as the 1-percent flood) for gaged and ungaged streams.
H3: Measuring Resilience					Mitigation- A
Moderator:					
Jeffrey	Czajkowski		Center for Insurance Policy and Research	Director	The Dynamics of Resilience over Time: Insights from a community scale assessment across the globe
Jae	Park	CFM, PhD	AECOM	Associate VP	Empirical Disaster Resilience Study in North Carolina
Jane	Frantz	AICP, CFM, PMP	Dewberry	Associate Vice President	Show it in Writing – RELI as a Means for Documenting Resilience
H4: Local Floodplain Management Initiatives 2					NFIP
Moderator:					
Josh	Lippert	CFM	City of Philadelphia	Floodplain Manager	Interdependencies in Floodplain Management: PHL Case Study
Clair	Davis	PE, CFM	City of Fort Worth	Floodplain Administrator	Developing a Program to Manage Non-FEMA Flood Risks in Fort Worth, TX
TBD					
H5: Success Stories in Flood Risk Management and Communication					Risk Communication
Moderator:					
Witold	Krajewski	PhD	Iowa Flood Center - University of Iowa	Director	The Iowa Flood Center: A Model for the Nation
Kris	Lander	PE, CFM	NOAA National Weather Service	Development and Operations Hydrologist	Flood Forecast Operations at the National Weather Service (NWS) West Gulf River Forecast Center (WGRFC)
Priscilla	Scruggs		FEMA	Director of the Communications & Management Division	Empowering Local Officials to Talk Flood Risk: Stories from Year One of the Flood Risk Communication Toolkit and Videos Roll Out
H6: Local Levee Case Studies					Dams and Levees
Moderator:					

Patti	Sexton	PE, CFM	Tetra Tech	Program Manager	One Levee's Journey Towards Certification – Case Study in New Orleans
Phil	Martin	CFM	Fort Bend Count Levee Improvement District No. 2	General Manager	Hurricane Harvey Recovery: Modernizing Drainage Systems Inside a Fully Developed Levee
Joe	Waln	PE, CFM	Barr Engineering Co.	Senior Water Resources Engineer	Minot's Road to Recovery: A Section 408 Success Story
H7: Coastal Water Resource Management					Water Resources Management
Moderator:					
Michael	McMahon	ENV SP	HDR	Climate Change and Water Management: Where Policy Meets Science...Head-on	
Adam	Hosking	C.WEM, C.Sci.	Jacobs	An Integrated Approach to Coastal Flood Resilience	
Jonathan	Simm	PhD, C.Eng.	HR Wallingford	International guidelines for use of Natural and Nature-Based Features: supporting a new age of flood management	
H8: Acquisition and Elevation Projects - Guidance/Successes					Mitigation- B
Moderator:					
Kathy	Hopkins	CFM, CTCM	TWDB	Mitigation Specialist	To Elevate, or not to Elevate, that is the Question
Teri	Morgan	SR/WA	HDR, Inc.	Real Estate and Right of Way Services Section Manager	City of Austin Onion Creek Project: Show me the Money and we will show you the results
Nur	Yazdani	PhD, PE, ASCE, F. ACI, F SEI	University of Texas Arlington	Professor	Slab Home Elevations for Flood-proofing: Safety, Education, Training and Outreach
Session J (Thursday 4:00PM-5:30PM) June 11					

J1: LOMC-PMR Process					Mapping
Moderator:					
Matt	Richards	CFM	Michael Baker International	MT-1 Manager	MT-1s vs. MT-2s: Determining the Correct LOMC Process for your Project
Patrick	Dobbs	PE			How LOMRs Affect LOMAs
Jeff	Zanotti	CFM	Wood E&IS	GIS Manager	Processing PMRs: Challenges and Successes
J2: Modeling Approaches to Meteorology and Rainfall					Modeling- A
Moderator:					
Mitchell	Blum	PE, CFM	HDR	Water Resource Engineer	Are Unit Hydrograph Methods Still Relevant
Simeon	Benson	PE	US Army Corps of Engineers	H&H Engineer	New USACE Meteorology Software and Storm Transposition
Ataul	Hannan	PE, CFM	Harris County Flood Control District	Director, Planning Division	Empower Resilience for Harris County while Implementing NOAA Atlas 14 Precipitation
J3: Local Mitigation Initiatives and Projects and Design					Mitigation
Moderator:					
David	Kroening	PG, CFM, GC	Mecklenburg County	Lead Project Manager	A Goal Driven Capital Improvement Program for Water Quality and Flood Mitigation
Dacia	Mosso		Tetra Tech	Associate Director of Environmental Sciences	Using Planning and Nature-based Solutions to Achieve Co-Benefits for Water Quality and Hazard Mitigation
John	Callen	PE, CFM	JEO Consulting Group, Inc.	Senior Project Engineer	Bomb Cyclone Shelter – Why Grand Island Stayed Dry in the Flood of 2019
J4: CRS - Local Perspectives (4 speakers)					NFIP
Moderator: David Stroud, CFM, Wood					
Lisa	Foster	CFM	Pinellas County	Floodplain Administrator	The Magic CRS Activity Tracking Tool
Chris	Mason	CFM	Collier County Growth Management Department	Floodplain Coordinator	CRS Activity 420: Designs for a Successful Open Space Program

Mary-Carson	Stiff	CFM, JD	Wetlands Watch	Director of Policy	CRS Recommendations from Coastal Stakeholders & Viability of Regional CRS Support Positions in Virginia
Stephanie	Griffin	PE, CFM	Half Associates, Inc.	Stormwater Utility Manager and Floodplain Administrator	CRS Outreach: Who is Driving the Bus?
J5: Visualizing Flood Risk					Risk Communication
Moderator:					
Michael	Grove		Booz Allen Hamilton	GIS Specialist	Harnessing the Power of Hollywood: Using Immersive 3D Visualizations to Drive Flood Communications
Danielle	Dami		Stantec	GIS Analyst	Improving flood risk awareness and resiliency by using 3D rendering video game technology
Joanhwoan	Choi	PhD, PE, CFM	Stream Methods Inc.	Vice President, Chief Engineer	2016 Baton Rouge Deluge: Reconstruction and 3D-Visualization of Historical Flooding Events
J6: Federal Post-Disaster Programs					Post-Disaster
Moderator:					
Alejandro	Contreras		Small Business Administration	Director, Preparedness, Communication and Coordination	Rebuilding After a Disaster: How Federal Disaster Loans Help Survivors Build Back Faster, Stronger and More Resilient.
Paul	Rydlund	PLS, CFM	USGS - CMWSC	Chief, Hydrology and Hydraulics Modeling Section	"Above all else, show the data" : U.S. Geological Survey (USGS) Riverine Response to Flooding and Post-Flood Data Collection with Reference to the Midwest Floods of 2019
Brandy	Bones	AICP, PMP	ICF	Senior Director	Federal Funding Landscape for Disaster Mitigation, Resilience and Recovery
J7: Stormwater Management Planning					Stormwater
Moderator:					
Heather	Hyde	PE, CFM	Jacobs Engineering Group	Water Resource Engineer	Benefits of Watershed Master Plans: Flood mapping, Level of Service, and BMPs
Janet	Meshek	PE, CFM, SR/WA	Meshek & Associates, LLC	Principal Engineer	Tulsa's No Adverse Impact Approach to Resilient Infrastructure
Suleyman	Akalin	PE, CFM, PhD	Calibre Engineering	Stormwater Manager	Localized Floodproofing & Capital Project Planning for Endangered Residential Communities
J8: Large-Scale Modeling					Modeling- B

Moderator:					
Eli	Gruber	PE	CDM Smith	Water Resources Engineer	Evaluating and Improving Large-Scale 2D H&H Studies in Challenging Mountainous Regions
Sarada	Kalikivaya	PE, PMP, CFM	Atkins	Senior Project Manager, Water Resources	Cloud Computing 101 – For Floodplain modeling and mapping
Joseph	Machala	PE	CDM Smith	Water Resources Engineer	Modeling a 474-Mile-Long Reservoir: Approaches and Issues Encountered While developing flood hazard data for the James River in South Dakota